SUPERLUMIS PRO Technical Specifications

Developed with quality, reliability, and precision control in mind, Grand Cinema™ SUPERLUMIS PRO brings professional features to home cinema. The new 3D active, 3-chip DLP®-based projector has been designed based on the needs of the professional market for easy serviceability and extended product lifetime backed up by reliability and high performance. Thanks to its wired connections, SUPERLUMIS PRO makes it easy to future-proof your investment by offering full firmware and software upgrades, as well as real-time adjustments and monitoring regardless of geographic location. SUPERLUMIS PRO is an intelligent device that monitors its own internal parameters and health status and securely shares that data with the outside world of SIM2 service centers, thereby providing customers with more control over assets and time. The Grand Cinema™ SUPERLUMIS PRO sports a new, high-power (350W), dimmable lamp and lamp driver that delivers up to 5,000 ANSI lumens on-screen; increased detail, thanks to an impressively high contrast ratio of >30,000:1 (in 2D mode); new Color Management software; and SIM2 Professional Customer Care. The improved optical light engine now includes Perfect Fit, a fully-programmable zoom, focus and lens shift feature which enables a lens-free option to create 2.40:1 images. The Grand Cinema™ SUPERLUMIS PRO is available in striking soft-touch, matte-black finish.

DISPLAY
Technology: 3 x 0.95” DC4 DMDs
Resolution: Full-HD - 1920 x 1080 pixels
New PROSIM2 electronics platform
Light source: 350W UHP lamp (dimmable to 280 W)
3D features and ‘TripleFlash’ technology (144Hz)
SIM2’s PureAction 2D/3D & PureMovie 2D technology
SIM2 Perfect Fit Feature
SIM2 DynamicBlack™ Technology enhanced solution
Contrast ratio (Full ON/OFF): >30,000:1 with DynamicBlack™ technology and EC lens type (2D mode)
Brightness (in 2D mode): up to 5,000 ANSI Lumen with HB lens type; up to 3,800 ANSI Lumen with EC lens type

INSTALLATION
Lens type: High Brightness (HB) or Extended Contrast (EC)
Lens throw ratio: 1.37-1.66:1 (type T1); 1.82-2.48:1 (type T2); 2.6-3.9:1 (type T3)
Optical shift: Vertical up to +50%, down -10% max from screen center (based on image height)
Digital Keystone: Vertical +/-18 degree
Picture size (inches diagonal): 50-300
Aspect ratio: 4:3, 16:9, Anamorphic, Letterbox, Panoramic, pixel-to-pixel, subtitle + 3 custom-user adj.

ELECTRONICS AND CONNECTIVITY
Horiz. & Vertical scan freq.: 15-80 kHz/48-144 Hz
Color System: PAL (B,G,H,J,M,N,60); SEACAM; NTSC 3.58; NTSC 4.43; PC graphic standards: VGA, SVGA, XGA, SXGA, UXGA, WUXGA; SDTV: 480i/p, 576i/p; HDTV: 720p 50/60, 1080i 50/60, 1080p 24/50/60 + 576p

INPUTS/OUTPUTS
2x HDMI (v1.4 with Deep Color)
1x LAN (RJ45)
1x Composite Video (RCA)
1x Graphic RGBHV (D-sub HD15 pins)
1x Component - YCbCr/RGBs (RCA)
1x RS-232 (D-sub 9 pins)
1x USB (A type)
1x 3D Sync Out (jack)
3x screen and anamorphic (jack - 12V 100mA output)

GENERAL SPECIFICATIONS
Software control: upgradable via RS-232 serial interface or USB
Power supply: 100-240 VAC +/-10% (48/62 Hz)
Power consumption: max. 510W
Projector weight: 24.3 lbs / 11 kg.
Projector dimensions (WxHxD): 18.1” x 8.3” x 17.9” (459 x 210 x 455 mm)
Projector weight: 41.9 lbs / 19 Kg.
Projector packing dimensions (WxHxD): 28” x 19.3” x 24” (710 x 490 x 610 mm)

STANDARD ACCESSORIES
Installation and user manual, AC power cords (2m-6.6 ft); backlit remote control and batteries
Live Colors Calibration software 2.0
SIM2 VIVUS 3D Active Glasses (4 pcs.) and emitter

CABINET COLOR
Standard: Soft-touch, matte black finish

[1] ANSI Lumen specification: This is the typical projector brightness specification found in most sales literature. This measurement allows for direct comparison with other manufacturer’s projectors. Measurements are taken in a totally dark test room with brand new lamp at full power, lamp’s native white color temperature, internal test pattern (full white) and in compliance with ANSI IT7.228-1997 specification.
SUPERLUMIS PRO
Technical Specifications

OUT-OF-THE-BOX SYSTEM DESIGN OPTIONS
(to be requested upon product order)

SLIDING FILTERS SYSTEM
The SFS by SIM2 allows the SUPERLUMIS PRO to become an incredibly versatile instrument that can meet different color reproduction requirements—such as Home Cinema, DCI, or even other applications—in situations where specific color reproduction is the key technical factor.

SIM2 AUTOCAL® (professional color probe calibration system)
It uses Color Auto-calibration, Ambient Light and Ambient Color Compensation, and Background Light Measurement for an onscreen image quality that remains constant despite changes in ambient light over time and use.

OPTIONAL ACCESSORIES
- SIM2 VISUS Luxury Box set
  8 additional Active glasses
  Ordering code: SIM2 VISUS 8 Luxury
- FLEX Anamorphic system®
  Ordering code:
  Motorized LUMIS FLEX System
- High Quality SCOPE Anamorphic System®
  Ordering code:
  Motorized LUMIS SCOPE System
- LUMIS Ceiling bracket
  Ordering code: HT-1080LX

(*) SCOPE and FLEX systems include an integrated ceiling bracket for projector, lens and motorized sled. Please verify throw ratio and projector distance when ordering.

CHOICE OF DIFFERENT LENS OPTIONS FOR FLEXIBILITY IN INSTALLATIONS

<table>
<thead>
<tr>
<th>Diagonal screen size</th>
<th>LENS T1 (1.37-1.66:1)</th>
<th>LENS T2 (1.82-2.48:1)</th>
<th>LENS T3 (2.6-3.9:1)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>min.</td>
<td>max.</td>
<td>min.</td>
</tr>
<tr>
<td>100&quot;</td>
<td>3.1 m / 10' 2&quot;</td>
<td>3.6 m / 11' 10&quot;</td>
<td>4.1 m / 13' 6&quot;</td>
</tr>
<tr>
<td>120&quot;</td>
<td>3.7 m / 12' 11&quot;</td>
<td>4.4 m / 14' 5&quot;</td>
<td>4.9 m / 16' 11&quot;</td>
</tr>
<tr>
<td>150&quot;</td>
<td>4.6 m / 15' 11&quot;</td>
<td>5.5 m / 18&quot;</td>
<td>6.1 m / 20&quot;</td>
</tr>
<tr>
<td>180&quot;</td>
<td>5.5 m / 18&quot;</td>
<td>6.5 m / 21' 4&quot;</td>
<td>7.3 m / 23' 11&quot;</td>
</tr>
<tr>
<td>200&quot;</td>
<td>6.1 m / 20&quot;</td>
<td>7.3 m / 23' 11&quot;</td>
<td>8.1 m / 26' 7&quot;</td>
</tr>
<tr>
<td>220&quot;</td>
<td>6.7 m / 22' 11&quot;</td>
<td>8.0 m / 26' 3&quot;</td>
<td>8.9 m / 29' 2&quot;</td>
</tr>
<tr>
<td>250&quot;</td>
<td>7.6 m / 24' 11&quot;</td>
<td>9.1 m / 29' 10&quot;</td>
<td>10.1 m / 33' 2&quot;</td>
</tr>
<tr>
<td>280&quot;</td>
<td>8.5 m / 27' 10&quot;</td>
<td>10.2 m / 33' 5&quot;</td>
<td>11.3 m / 37' 1&quot;</td>
</tr>
<tr>
<td>300&quot;</td>
<td>9.1 m / 29' 10&quot;</td>
<td>11.0 m / 36' 1&quot;</td>
<td>12.1 m / 39' 8&quot;</td>
</tr>
</tbody>
</table>

Throw distance: It is recommended not to use the minimum or maximum projector throw ratios for your installation. The calculated throw ratios and projector distance are only indicative. Please check with your SIM2 representative prior to placing the order.

PROJECTOR’S DIMENSIONS - MEASURES = MM (INCHES)